

ABSTRACT

The present invention is to provide an optical element in which both a good light diffusion performance and a good light transmittance are achieved and which is less subject to environmental influence, a method for production thereof and a display device using the optical element. An optical element including a molded body containing a resin having an alicyclic structure, wherein a fine hologram surface diffusion pattern has been precisely formed is provided. It is preferable that the optical element is a light diffusion plate or a light diffusion sheet. Further, it is preferable that the optical element is a molded body made by injection-molding.